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Architecture Student's Senior Project On SF Quake Center Wins National Mention

SAN LUIS OBISPO – Rachel Glabe has received national recognition for her senior thesis project on a seismological research and monitoring facility capable of withstanding large earthquakes in San Francisco.

Glabe received an honorable mention in a competition sponsored by the Association of Collegiate Schools of Architecture (ACSA) and the American Institute of Steel Construction (AISC). Her project was titled Frequency In-Flux and competed in Category II – which allowed for the greatest amount of design flexibility.

In awarding the project's honorable mention the jury commended the "Beautiful presentation, and thoughtful exploration of the site and building performance."



"This facility would be outfitted with the latest prediction technology and would be of great value to the city," said Glabe. "This adaptive facility responds to the unique challenges presented by the San Francisco site." The site would be located in a liquefaction zone prone to intense shaking in the event of an earthquake.

The ACSA and AISC competition is intended to challenge students, working individually or in teams, to explore a variety of issues related to the use of steel in design and construction.

Glabe received the award just before graduating from Cal Poly in June. She has been accepted at Princeton University's masters of architecture program this fall. Her faculty advisors were Tom Fowler, Mark Cabrinha, Jim Doerfler and architectural engineering faculty Sat Rihal. Fowler was Glabe's primary advisor.

For more information, go online to www.acsa-arch.org/competitions or to www.acsa-arch.org/images/competitions/frequency.pdf.

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